

**Original/Duplicate/Triplicate
CONTRACT CERTIFICATE**

No. First & Final Bill

(For Other Works)

Date.....2019

Division: **BBMP, Byataranyanapura**

Sub-Division: **BBMP, Vidyaranyapura**

Bill Received No.

Dated

Divisional

Cash Book Voucher No..... Dated.....

Sub Divisional

Work Code: **010-17-000021**

Schedule Docket No.

Head of Account: **P- 1771**

Est.Cost: **20.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate): **Improvements to Ramachandrapura and Doddabommasandra Govt School in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.**

Name of Contractor and Full Address: **Sri. K.V. Subbareddy, Contractor, # 106 B, Ashwathnagara, R.M.V 2nd Stage, Bangalore - 560 094.**

Reference to Agreement No. **BBMP/EE/BTP/E-PMT/18(24399)/WO/173/2017-18**

Dated: **04.12.2018**

Certified that the measurements were taken by me on **29/05/2019** and recorded of Pages **495312 to 495331** of measurement Book No. **4954/18-19** and that the work is satisfactorily executed.

K.V. Subbareddy
Contractor

Santhosh K
Officer-in-charge of work

Certified that the measurement were taken by me on **29/5**.....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

- 1) Total value of work done or supplies made as per account within
- 2) Deduct amount to be held in reserve being percent Rs.....
- 3) " " Balance
- 4) Deduct Payment:

- a. Amount of previous payment as in the Office Cash Book Voucher

No.....Dated.....S.D. No.....

Amount **2135330.00**

adjusted towards cash advance recovery of

- b. Payments } cost store or other material supplied.
- Now made } recovery of amount creditable to this/other work
- Amount paid on this bill Cheque / Cash.

- 5) Balance being unpaid value of work done held in reserve.
- 6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
- 7) Net amount due to or from Contractor unadjustments items.
- 8) Advance to Contractor for materials brought to site (as detailed) within.
- 9) Value of Government materials supplied.

Total amount adjusted -

IT 21354500
LC 21354500
CBF 213500
SGST 1906600
CGST 1906600
LR 1888500
T.D 10186000
Net 203351000

K.V. Subbareddy
Contractor's Signature

Received Rs..... (in words).....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

(For use in the Office)

Witness

1.

2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Stamp

K.V. Subbareddy

2135330.00

101860.00

2033510.00

29/06

29/06

Sl. No.		Unit
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. C. Prestressed / Reinforced cement concrete grade M-20 & above.	Cum
2	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. ii) Dismantling brick/Tile work B. In cement mortar.	Cum
3	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	Cum
4	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation , including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum
	Qty Above 125%	
5	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum
	Qty Above 125%	
6	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum
7	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing , main and secondary beams with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.)	Cum
8	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.05865cum and fine aggregates @ 0.0391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications.	Sqm
9	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications,	Cum
10	Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not less than 1800 kg/m ³ and having a minimum average compressive strength 5.00 N/mm ² confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications.	Sqm
11	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500	Tonne
12	Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so finished shall be flooded with	Sqm
13	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm

Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
	Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
Dum	-	-	18.58	1190.96	22128.00	18.58	22128.00	
Dum	-	-	27.47	284.34	7811.00	27.47	7811.00	
Dum	-	-	99.42	220.25	21897.00	99.42	21897.00	
Dum	-	-	15.18	5671.61	86095.00	15.18	86095.00	
Dum	-	-	18.23	5671.61	103393.00	18.23	103393.00	
Dum	-	-	16.80	4879.19	81970.00	16.80	81970.00	
Dum	-	-	7.05	4879.19	34398.00	7.05	34398.00	
Dum	-	-	8.59	5832.43	50101.00	8.59	50101.00	
Dum	-	-	43.62 43.68	6850.92	298837 299248.00	43.62 43.68	298837 299248.00	
Sqm	-	-	0.00	0.00	0.00	0.00	0.00	
Dum	-	-	99.42	148.00	14714.00	99.42	14714.00	
Sqm	-	-	220.72	968.38	213741.00	220.72	213741.00	
Tonne	-	-	5.24	65316.19	342257.00	5.24	342257.00	
Sqm	-	-	355.38	1053.45	374375.00	355.38	374375.00	
Sqm	-	-	63.03	254.04	16012.00	63.03	16012.00	

Sheet No. K
AF W10

(Signature)
Assistant Executive Engineer,
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
	Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
Sqm	-	-	138.30 ✓	285.50 ✓	39485.00	138.30	39485.00	
	-	-	19.34 ✓	285.50 ✓	5518 ~~5522.00~~	19.34 ✓	5518 ~~5522.00~~	
Sqm	-	-	161.40 ✓	230.73 ✓	37240.00	161.40	37240.00	
Sqm	-	-	58.84 ✓	1306.32 ✓	76864.00	58.84	76864.00	
Sqm	-	-	0.00 ✓	0.00 ✓	0.00	0.00	0.00	
Sqm	-	-	80.27 ✓	426.51 ✓	34236.00	80.27	34236.00	
Sqm	-	-	61.23 ✓	447.48 ✓	27399.00	61.23	27399.00	
Sqm	-	-	79.74 ✓	298.32 ✓	23788.00	79.74	23788.00	
Sqm	-	-	3.15 ✓	2667.20 ✓	8402.00	3.15	8402.00	
	-	-	4.41 ✓	2667.20 ✓	11762.00	4.41	11762.00	
Sqm	-	-	4.74 ✓	4037.40 ✓	19137.00	4.74	19137.00	
Sqm	-	-	220.66 ✓	82.74 ✓	18257.00	220.66	18257.00	
Sqm	-	-	161.40 ✓	97.89 ✓	15799.00	161.40	15799.00	
m	-	-	18.00 ✓	463.80 ✓	8348.00	18.00	8348.00	
Point	-	-	3 ✓	264.36 ✓	793.00	3.00	793.00	
Each	-	-	2 ✓	73.37 ✓	147.00	2.00	147.00	
SqCM	-	-	844 ✓	0.27 ✓	228.00	844.00	228.00	
Mtr	-	-	60 ✓	22.66 ✓	1360.00	60.00	1360.00	

Surender NK
AE-610

Sl. No.	
30	Supplying heavy gauge PVC Conduit Pipe 19/20 mm dia 2 mm thick with suitable size bends, metal junction box adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.
31	Supplying and fixing PBBC/Bakelite straight or slant batten holder and wiring with 60w/230 volts lamps.
32	Supplying patti type fluorescent tube light fitting of 2' - suitable for 14 watts fluorescent tube fitting, made of M.S. Sheet and stove enameled with HF Electronic Ballast, locking type brass contact holders mounted on double fold type sheet base fully wired for use on 230 volts AC. Supply including T5 lamp.
33	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1999 confirming to GTP of GROUP -A 1.5 sqmm
34	Supplying and fixing cast Aluminum round or oblong type bulk head fitting with GI wire guard, glass cover 60/100 watts 230V GLS lamp.
35	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia
36	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheath galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A
37	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on ground as required. In existing trench/duct.
38	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidation etc., complete For Cutting Road Surface. (As per Civil SR KSRB I-2, P-7)
39	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/corridor crossing with necessary clamping arrangements for UG cable of 1.1 KV 40mm dia GI pipe
40	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers 16Sqmm
EIRL	
E1	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 gauge M.S. hollow section frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rod verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. A steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, complete as per specification.
E2	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe clamp at 1.00 mtr spacing. This includes jointing of pipes and making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 20mm nominal OD pipes.
E3	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe clamp at 1.00 mtr spat & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes
E4	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of CI in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to spot). - 12.5cms x 7.5cms
E5	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification
E6	Constructing brick masonry inspection chamber 455x610mm, and 450mm depth , (clear inside dimension) single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I. with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 30kg weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete per standard design including cost of materials, labour charges, curing complete as per specifications.

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	60	60.42	3625.00	60.00	3625.00	
-	-	1	94.95	95.00	1.00	95.00	
-	-	1	637.69	638.00	1.00	638.00	
-	-	15	20.07	301.00	15.00	301.00	
-	-	4	806.01	3224.00	4.00	3224.00	
-	-	1	2942.43	2942.00	1.00	2942.00	
-	-	25.00	151.49	3787.00	25.00	3787.00	
-	-	25.00	11.65	291.00	25.00	291.00	
-	-	20.00	91.72	1834.00	20.00	1834.00	
-	-	4.00	372.26	1489.00	4.00	1489.00	
-	-	1.00	302.12	302.00	1.00	302.00	
-	-				0.00		
-	-	7.56	3419.05	25848.00	7.56	25848.00	
-	-	25.00	244.72	6118.00	25.00	6118.00	
-	-	15.00	291.33	4370.00	15.00	4370.00	
-	-	1.00	332.12	332.00	1.00	332.00	
-	-	15.00	699.19	10488.00	15.00	10488.00	
-	-	1.00	8205.02	8205.00	1.00	8205.00	

Surekha NK
At 10/10

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	3.00	5336.00	16008.00	3.00	16008.00	
-	-	15.00	320.46	4807.00	15.00	4807.00	
-	-	2.00	4959.26	9919.00	2.00	9919.00	
-	-	1.00	9684.05	9684.00	1.00	9684.00	
-	-	30.00	805.19	24156.00	30.00	24156.00	
				2135370.00		2135370.00	

Surender NK
AE D 10


Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97